

L4 ANSWER 1 OF 7 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1994:532148 BIOSIS
DN PREV199497545148
TI Mutation of p53 gene in human **cancers** of the esophagus and
gastric cardia.
AU Li, Huan-Chuan; Lu, Shi-Xin
CS Cancer Inst., Chinese Academy Med. Sci. Peking Union Med. College, Beijing
100021 China
SO Zhonghua Zhongliu Zazhi (1994) Vol. 16, No. 3, pp. 172-176.
ISSN: 0253-3758.
DT Article
LA Chinese
SL Chinese; English
AB p53 gene in human esophageal **cancer** (EC) and **cancer** of
gastric cardia was analyzed. Southern blotting hybridization revealed that
five of 35 of EC sample were found to contain abnormal structure of
p63 gene, including 2 deletions and 3 rearrangements; two of 27
adjacent non-tumor tissues also contain abnormal structure of p53 gene
(7.4%), among them one case was fragment deletion and another case was
rearrangement. PCR-direct sequencing technique was used to detect p53
point mutation within exon and intron 5 through 9. Fifteen of 30(50%) of
esophageal squamous cell carcinomas contained mutation of p53 gene. Five
of 11(45%) adjacent non-tumor tissues also contained mutation of p53 gene.
An esophageal adenocarcinoma showed p53 mutation. Three of 4 carcinoma of
gastric cardia showed p53 mutation. Mutation spectrum in EC: 8 OF 22 cases
(36.4%) of p53 mutation were G:C to A:T transition, 6 of 22 cases (27.3%)
of p53 mutation were frameshift mutation, including 13.6% (3/22) insertion
and 9.1% (2/22) deletion mutation. Some new sites of p53 mutation in human
EC were identified. The results suggest that the p53 gene plays an
important role in carcinogenesis of human esophagus and gastric cardia.
CC Cytology and Cytochemistry - Human *02508
Genetics and Cytogenetics - Human *03508
Clinical Biochemistry; General Methods and Applications *10006
Biochemical Studies - Nucleic Acids, Purines and Pyrimidines 10062
Biochemical Studies - Proteins, Peptides and Amino Acids 10064
Digestive System - Pathology *14006
Blood, Blood-Forming Organs and Body Fluids - Blood Cell Studies *15004
Neoplasms and Neoplastic Agents - Biochemistry *24006
Neoplasms and Neoplastic Agents - Carcinogens and Carcinogenesis *24007
BC Hominidae *86215
IT Major Concepts
Blood and Lymphatics (Transport and Circulation); Cell Biology;
Clinical Chemistry (Allied Medical Sciences); Gastroenterology (Human
Medicine, Medical Sciences); Genetics; Oncology (Human Medicine,
Medical Sciences)
IT Miscellaneous Descriptors
ADENOCARCINOMA; ADJACENT NON-TUMOR TISSUE; CARCINOGENESIS; ESOPHAGEAL
CANCER; FRAMESHIFT MUTATION; GENE DELETION; GENE REARRANGEMENT;
INSERTION MUTATION; POLYMERASE CHAIN REACTION; SQUAMOUS CELL CARCINOMA;
TRANSITION MUTATION; TUMOR SUPPRESSOR GENE
ORGN Super Taxa
Hominidae: Primates, Mammalia, Vertebrata, Chordata, Animalia
ORGN Organism Name
Hominidae (Hominidae)
ORGN Organism Superterms
animals; chordates; humans; mammals; primates; vertebrates

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SL Chinese; English
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of 11(45%) adjacent non-tumor tissues also contained mutation of p53 gene.
An esophageal adenocarcinoma showed p53 mutation. Three of 4 carcinoma of
gastric cardia showed p53 mutation. Mutation spectrum in EC: 8 OF 22 cases
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of p53 mutation were frameshift mutation, including 13.6% (3/22) insertion
and 9.1% (2/22) deletion mutation. Some new sites of p53 mutation in human
EC were identified. The results suggest that the p53 gene plays an
important role in carcinogenesis of human esophagus and gastric cardia.
CC Cytology and Cytochemistry - Human *02508
Genetics and Cytogenetics - Human *03508
Clinical Biochemistry; General Methods and Applications *10006
Biochemical Studies - Nucleic Acids, Purines and Pyrimidines 10062
Biochemical Studies - Proteins, Peptides and Amino Acids 10064
Digestive System - Pathology *14006
Blood, Blood-Forming Organs and Body Fluids - Blood Cell Studies *15004
Neoplasms and Neoplastic Agents - Biochemistry *24006
Neoplasms and Neoplastic Agents - Carcinogens and Carcinogenesis *24007
BC Hominidae *86215
IT Major Concepts
 Blood and Lymphatics (Transport and Circulation); Cell Biology;
 Clinical Chemistry (Allied Medical Sciences); Gastroenterology (Human
 Medicine, Medical Sciences); Genetics; Oncology (Human Medicine,
 Medical Sciences)
IT Miscellaneous Descriptors
 ADENOCARCINOMA; ADJACENT NON-TUMOR TISSUE; CARCINOGENESIS; ESOPHAGEAL
 CANCER; FRAMESHIFT MUTATION; GENE DELETION; GENE REARRANGEMENT;
 INSERTION MUTATION; POLYMERASE CHAIN REACTION; SQUAMOUS CELL CARCINOMA;
 TRANSITION MUTATION; TUMOR SUPPRESSOR GENE
ORGN Super Taxa
 Hominidae: Primates, Mammalia, Vertebrata, Chordata, Animalia
ORGN Organism Name
 Hominidae (Hominidae)
ORGN Organism Superterms
 animals; chordates; humans; mammals; primates; vertebrates

- L7 ANSWER 1 OF 39 MEDLINE
 AN 200203003 PubMed ID: 11764070
 DN 21606643
 TI value of **p63** and cytokeratin 5/6 as immunohistochemical markers for the differential diagnosis of poorly differentiated and undifferentiated carcinomas.
- AU Kaufmann O; Fietze B; Mengs J; Dietel M
 CS Institute of Pathology, Charité University Hospital, Berlin, Germany.
 SO AMERICAN JOURNAL OF CLINICAL PATHOLOGY, (2001 Dec) 116 (6) 823-30.
 Journal code: 0370-0022. ISSN: 0002-9173.
- CY United States
 DT EVALUATION STUDIES
 LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM Entered STN: 20020124
 ED Last Updated on STN: 20020125
 Entered Medline: 20020103
- L7 ANSWER 2 OF 39 MEDLINE
 AN 200153651 PubMed ID: 11600462
 TI Expression of the p13 homologue p63alpha and DeltaNp63alpha in the neoplastic sequence of Barrett's oesophagus: correlation with morphology and p53 protein.
- AU Hall P A; Woodman A G; Campbell S J; Shepherd H A
 CS Department of Histopathology, Gloucestershire Royal Hospital, Great Western Road, Gloucester GL1 3NN, UK.
 SO GUT, (2001 Nov) 49 (5) 618-23.
 CY England: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
- LA English
 FS Abridged Index Medicus Journals; Priority Journals
 EM Entered STN: 20011015
 ED Last Updated on STN: 20011012
 Entered Medline: 20011205
- L7 ANSWER 3 OF 39 MEDLINE
 AN 200147022 PubMed ID: 11474290
 DN 21367355
 TI **p63**, a p53 homologue, is a selective nuclear marker of myoepithelial cells of the human breast.
- AU Barborreschi M; Pecciarini L; Cangi M G; Macri E; Rizzo A; Viale G; Doglioni C
 CS Department of Pathology, San Martino Hospital, Trento, Italy.
 SO AMERICAN JOURNAL OF SURGICAL PATHOLOGY, (2001 Aug) 25 (8) 1054-60.
 Journal code: 0882-5876. ISSN: 0147-5185.
- CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
- LA English
 FS Priority Journals
 EM Entered STN: 20011016
 ED Last Updated on STN: 20011016
 Entered Medline: 20011022
- L7 ANSWER 4 OF 39 MEDLINE
 AN 200146075 PubMed ID: 11391365
 DN 2175530
 TI Histologic and immunohistochemical classification of cervical carcinomas by expression of the p53 homologue **p63**: a
- AU Wang T Y; Chen B F; Yang Y C; Chen H; Wang Y; Cviko A; Quade B J; Sun D; Yang A; McKeon F D; Crum C P
 CS Department of Pathology and Obstetrics and Gynecology, Mackay Memorial Hospital, Taipei, Taiwan.
 NC C472594 (NCI)
 SO CAT5340 (NCI)
 CY HUMAN PATHOLOGY, (2001 May) 32 (5) 479-86.
 DT Journal; Article; (JOURNAL ARTICLE)
- LA English
 FS Priority Journals
 EM Entered STN: 20010709
 ED Last Updated on STN: 20010709
 Entered Medline: 20010705
- L7 ANSWER 5 OF 39 MEDLINE
 AN 2001250912 PubMed ID: 11353064
 TI Pulmonary epithelial-myoepithelial tumor of unproven malignant potential: report of a case and review of the literature.
- AU Pelosi G; Fraggiotti F; Maffini F; Solli P; Cavallini R; Viale G
 CS Department of Pathology and Laboratory Medicine, European Institute of Oncology and University of Milan School of Medicine, Italy.
 SO MODERN PATHOLOGY, (2001 May) 14 (5) 521-6. Ref: 23
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW OF REPORTED CASES)
- LA English
 FS Priority Journals
 EM Entered STN: 20010709
 ED Last Updated on STN: 20010709
 Entered Medline: 20010705
- L7 ANSWER 6 OF 39 MEDLINE
 AN 2000463053 PubMed ID: 11016683
 DN 2048898
 TI The p53 molecule and its prognostic role in squamous cell carcinomas of the head and neck.
- AU Nylander K; Dabelsteen E; Hall P A
 CS Department of Medical Biosciences/Pathology, Umea University, Sweden.
 SO JOURNAL OF ORAL PATHOLOGY AND MEDICINE, (2000 Oct) 29 (9) 413-25. Ref: 91
 CY Denmark
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
- LA English
 FS Dental Journals; Priority Journals
 EM 200101
 ED Entered STN: 20010322
 Last Updated on STN: 20010322
 Entered Medline: 20010111
- L7 ANSWER 7 OF 39 MEDLINE
 AN 200006720 PubMed ID: 10918601
 DN 2037132
 TI High level expression of delta-N-p63: a mechanism for the

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|-------------------------------------|--|---|
| | inactivation of p53 in undifferentiated nasopharyngeal carcinoma (NPC)? | DT Journal; Article; (JOURNAL ARTICLE) |
| AU | CROOK T; NICHOLLS J M; BROOKS L; O'NIONS J; ALLDAY M J | FS MEDL; L; Priority Journals; Cancer Journals |
| CS | Ludwig Institute for Cancer Research and Section of Virology and Cell Biology, Imperial College of Science, Technology and Medicine, London, UK. | LA English |
| SO | ONCOGENE, (2000 Jul 13) 19 (30) 3439-44. | OS MEDLINE 20374132 20009 |
| Journal code: ONC. ISSN: 0950-9232. | Entered STN: 20000901 | EM |
| CY | ENGLAND: United Kingdom | L7 ANSWER 11 OF 39 CANCERLIT |
| DT | Journal; Article; (JOURNAL ARTICLE) | AN 200062989 CANCERLIT |
| LA | English | DN 20062989 |
| FS | Priority Journals | TI Association of p63 with proliferative potential in normal and neoplastic human keratinocytes. |
| EM | 200008 | AU Parsa R; Yang A; McKeon F; Green H |
| SO | Entered STN: 20000901 | LA Department of Cell Biology, Harvard Medical School, Boston, Massachusetts 02115, USA. |
| ED | Last Updated on STN: 20000901 | OS JOURNAL OF INVESTIGATIVE DERMATOLOGY, (1999). Vol. 113, No. 6, pp. 1099-1105. |
| CY | Entered Medline: 20000818 | Journal code: IHZ. ISSN: 0022-202X |
| TI | Entered STN: 20000124 | DT Journal; Article; (JOURNAL ARTICLE) |
| AU | Last updated on STN: 20000124 | FS MEDL; L; Priority Journals; Cancer Journals |
| CS | Entered Medline: 20000113 | LA English |
| DN | ANSWER 9 OF 39 CANCERLIT | OS MEDLINE 20062989 |
| SO | Journal of INVESTIGATIVE DERMATOLOGY, (1999 Dec) 113 (6) 1099-1105. | EM 200002 |
| TI | Journal code: IHZ. 0426720. ISSN: 0022-202X. | L7 ANSWER 12 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V. |
| CY | United States | AN 2002033960 EMBASE |
| TI | Association of p63 with proliferative potential in normal and neoplastic human keratinocytes. | TI Plasmablastic lymphoma: An HIV-associated entity with primary oral manifestations. |
| AU | Parsa R; Yang A; McKeon F; Green H | AU Flaitz C.M.; Nichols C.M.; Walling D.M.; Hicks M.J. |
| CS | Department of Cell Biology, Harvard Medical School, Boston, Massachusetts 02115, USA. | CS Flaitz C.M.; Nichols C.M.; Walling D.M.; Hicks M.J. |
| DT | Journal; Article; (JOURNAL ARTICLE) | CTR., Dental Branch, 6516 John Freeman Avenue, Houston, TX 77030, United States. cmtflitz@mail.utmb.edu |
| LA | English | SO Oral Oncology, (2002) 38/1 (96-102). |
| FS | Priority Journals | Refs: 30 |
| EM | 200001 | ISSN: 1368-8375 CODEN: EJCCR |
| SO | Entered STN: 20000124 | PUI S 1368-8375(01)00018-5 |
| ED | Last updated on STN: 20000124 | CY United Kingdom |
| CY | Entered Medline: 20000113 | DT Journal; Article |
| TI | ANSWER 9 OF 39 CANCERLIT | FS 004 Microbiology |
| AU | Journal code: JRF. ISSN: 0904-2512. | 011 015 026 037 |
| CS | General Review; (REVIEW) | Otorhinolaryngology Gastroenterology Immunology, Serology and Transplantation Drug Literature Index |
| SO | General Review; (REVIEW) | LA English |
| TI | Journal; Article; (JOURNAL ARTICLE) | SL English |
| DT | Journal; Article; (JOURNAL ARTICLE) | L7 ANSWER 13 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V. |
| LA | Journal; Article; (JOURNAL ARTICLE) | AN 200142538 EMBASE |
| FS | Journal; Article; (JOURNAL ARTICLE) | TI Value of p63 and cytokeratin 5/6 as immunohistochemical markers for the differential diagnosis of poorly differentiated and undifferentiated carcinomas |
| LA | Journal; Article; (JOURNAL ARTICLE) | AU Kaufmann O.; Fietze E.; Menges J.; Dietel M. |
| OS | Journal; Article; (JOURNAL ARTICLE) | CS Dr. E. Fietze, Institute of Pathology, Charite University Hospital, Schumannstr. 20/21, 10117 Berlin, Germany |
| EM | 200102 | SO American Journal of Clinical Pathology, (2001) 116/6 (823-830). |
| CY | ANSWER 10 OF 39 CANCERLIT | Refs: 31 |
| DT | Journal; Article; (JOURNAL ARTICLE) | ISSN: 0002-9173 CODEN: AJCPAI |
| LA | Journal; Article; (JOURNAL ARTICLE) | CY United States |
| FS | Journal; Article; (JOURNAL ARTICLE) | DT 005 016 026 |
| LA | Journal; Article; (JOURNAL ARTICLE) | LA English |
| SO | ANSWER 10 OF 39 CANCERLIT | Journal code: ONC. ISSN: 0950-9232. |
| TI | High level expression of delta-N-p63: a mechanism for the inactivation of p53 in undifferentiated nasopharyngeal carcinoma (NPC)? | AU CROOK T; NICHOLLS J M; BROOKS L; O'NIONS J; ALLDAY M J |
| DT | High level expression of delta-N-p63: a mechanism for the inactivation of p53 in undifferentiated nasopharyngeal carcinoma (NPC)? | CS Imperial College of Science, Technology and Medicine, London, UK. |
| LA | Imperial College of Science, Technology and Medicine, London, UK. | SO ONCOGENE, (2000) Vol. 19, No. 30, pp. 3439-44. |
| FS | Journal code: ONC. ISSN: 0950-9232. | ED |

- L7 ANSWER 14 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 2001374840 EMBASE
 TI Expression of the p53 homologue p63-alpha and
 delta-a Np63 alpha in the neoplastic sequence of Barrett's oesophagus:
 Correlation with morphology and p53 protein.
- AU Hall P.A.; Woodman A.C.; Campbell S.M.; Shepherd N.A.
 Prof. N.A. Shepherd, Department of Histopathology, Gloucestershire Royal
 Hospital, Great Western Road, Gloucester GL1 3NN, United Kingdom.
 neil.shepherd@gloucestershireswest.nhs.uk
- SO Gut, (2001) 49(5) (618-623).
 Refs: 44
 ISSN: 017-5749 CODEN: GUTAA
- CY United Kingdom
 DT Journal; Article
- FS 005 General Pathology and Pathological Anatomy
 049 Gastroenterology
- LA English
 SL English
- CY ANSWER 15 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 2001338244 EMBASE
 TI Expression of the p53 homologues p63 and p73 in multiple
 simultaneous gastric cancer.
- AU Tannapfel A.; Schmelzle S.; Benicke M.; Klimpfinger M.; Kohlhan K.;
 Mosner J.; Engelhardt K.; Wittkopp C.
- CS A. Tannapfel, Institute of Pathology, University of Leipzig, Liebigstrasse
 26, D-04103 Leipzig, Germany. tanna@medizin.uni-leipzig.de
- SO Journal of Pathology, (2001) 195(2) (162-170).
 Refs: 30
 ISSN: 0022-3417 CODEN: JPTLAS
- CY United Kingdom
 DT Journal; Article
- FS 005 General Pathology and Pathological Anatomy
 016 Cancer
- LA English
 SL English
- CY ANSWER 16 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 2001254790 EMBASE
 TI p63, a p53 homologue, is a selective nuclear marker of
 myoepithelial cells of the human breast.
- AU Barbareschi M.; Peciarini L.; Cangi M.G.; Macri E.; Rizzo A.; Viale G.;
 Doglioni C.
- CS Dr. C. Doglioni, Anatomia Patologica Ospedale, 32100 Belluno, Italy.
- SO American Journal of Surgical Pathology, (2001) 25(8) (1054-1060).
 Refs: 34
 ISSN: 0147-5105 CODEN: AJSPDX
- CY United States
 DT Journal; Article
- FS 005 General Pathology and Pathological Anatomy
 016 Cancer
- LA English
 SL English
- CY ANSWER 17 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 200119532 EMBASE
 TI Histologic and immunophenotypic classification of cervical
 carcinomas by expression of the p53 homologue p63: A
 study of 1250 cases.
- AU Wang T.-Y.; Chen B.-F.; Yang J.-C.; Chen H.; Wang Y.; Cviko A.; Quade
 B.J.; Sun D.; Yang A.; McKeon F.D.; Crum C.P.
- CY United Kingdom
 DT Journal; (Short survey)
- CS Dr. C.P. Crum, Department of Pathology, Brigham and Women's Hospital, 75
 Francis St., Boston, MA 02115, United States
 Francis St., Boston, MA 02115, United States. crum@partners.org
- SO Dr. C.P. Crum, Department of Pathology, Brigham and Women's Hospital, 75
 Francis St., Boston, MA 02115, United States. crum@partners.org
- CY American Journal of Surgical Pathology, (2000) 24(10) (1414-1419).
 Refs: 20
 ISSN: 0147-5105 CODEN: AJSPDX
- CY United States
 DT Journal; Article
- FS 005 General Pathology and Pathological Anatomy
 010 Obstetrics and Gynecology
 016 Cancer
- LA English
 SL English
- CY ANSWER 19 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 2000360939 EMBASE
 TI Stratified mucin-producing intraspithelial lesions of the cervix:
 Adenosquamous or columnar cell neoplasia?
- AU Park J. J.; Sun D.; Quade B.J.; Flynn C.; Sheets E.E.; Yang A.; McKeon F.;
 Crum C.P.
- CS Dr. C.P. Crum, Department of Pathology, Brigham and Women's Hospital, 75
 Francis St., Boston, MA 02115, United States. crum@partners.org
- SO American Journal of Surgical Pathology, (2000) 24(10) (1414-1419).
 Refs: 20
 ISSN: 0147-5105 CODEN: AJSPDX
- CY United States
 DT Journal; Article
- FS 005 General Pathology and Pathological Anatomy
 010 Obstetrics and Gynecology
 016 Cancer
- LA English
 SL English
- CY ANSWER 20 OF 39 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 2000560441 EMBASE
 TI High level expression of Delta-Np63: A mechanism for the
 inactivation of p53 in undifferentiated nasopharyngeal carcinoma
 (NPC)?
- AU Crook T.; Nicholls J.M.; Brooks L.; O'Nions J.; Alday M.J.
 CS M.J. Alday, Ludwig Institute for Cancer Research, Imperial College Sci.
 Technol. Med., St. Mary's Campus, Norfolk Place, London W2 1PG, United
 Kingdom
 Oncogene, (13 Jul 2000) 19(30) (3439-3444).
 Refs: 42
 ISSN: 0950-9232 CODEN: ONCNES
- CY United Kingdom
 DT Journal; (Short survey)

- FS O11 Otorhinolaryngology
016 Cancer
022 Human Genetics
LA English
SL English
- L7 ANSWER 21 OF 39 BIOSIS COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 2000244220 EMBASE
TI Adenoid basal carcinomas of the cervix: A unique morphological evolution with cell cycle correlates.
- AU Cikko A.; Brem B.; Granter S.E.; Rinto A.P.; Wang T.-Y.; Yang Y.-C.; Chen B.-F.; Yang A.; Sheetz T.E.; McKon F.D.; Crum C.P.; Crum C.P., Department of Pathology, Brigham and Women's Hospital, 75 Francis St., Boston, MA 02115, United States
- SO Human Pathology, (2000) 31/6 (740-744).
Rets: 19 ISSN: 0016-9177 CODEN: HPCQA4
United States
CY Journal; Article
DT 005 General Pathology and Pathological Anatomy
FS 010 Obstetrics and Gynecology
015 Cancer
LA English
SL English
- L7 ANSWER 22 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002-74400 BIOSIS
DN PREV20020074400
- TI Value of p63 and cytokeratin 5/6 as immunohistochemical markers for the differential diagnosis of poorly differentiated and undifferentiated carcinomas.
- AU Kaufmann, Olaf; Fietze, Ellen(1); Mengs, Joerg; Dietel, Manfred
(1) Institute of Pathology, Charite University Hospital, Schumannstr. 101-1017, Berlin, Germany
- SO American Journal of Clinical Pathology, (December, 2001) Vol. 116, No. 6, pp. 822-830. http://www.ajcp.com. print.
ISSN: 0002-9173.
- DT Article
LA English
SL English
- L7 ANSWER 23 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001-54459 BIOSIS
DN PREV2001004459
- TI Expression of the p53 homologue p63alpha and Deltanu63alpha in the neoplastic sequence of Barrett's oesophagus: Correlation with morphology and p53 protein.
- AU Hall, P. A.; Woodward, A. C.; Campbell, S. J.; Shepherd, M. A. (1)
(1) Department of Histopathology, Gloucestershire Royal Hospital, Great Western Road, Gloucester, GL1 3NN; neil.shepherd@gloucester.swest.nhs.uk UK
Gut, (November, 2001) Vol. 49, No. 5, pp. 619-623. print.
ISSN: 0017-5749.
- DT Article
LA English
SL English
- L7 ANSWER 24 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001-407666 BIOSIS
DN PREV200100407666
- TI p63, a p53 homologue, is a selective nuclear marker of mycopithelial cells of the human breast.
- AU Barbarichini, Matia; Pieraccini, Lorenza; Cangi, M. Giulia; Macri, Ettore;
Rizzo, Arnoldo; Viala, Giuseppe; Doglioni, Claudio (1)
(1) Anatomia Patologica Ospedale, 32100, Belluno:
claudio.doglioni@iusss.belluno.it Italy
- SO American Journal of Surgical Pathology, (August, 2001) vol. 25, No. 8, pp. 1051-1050. print.
ISSN: 0475-1857.
- DT Article
LA English
SL English
- L7 ANSWER 25 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001-37511 BIOSIS
DN PREV20010037511
- TI Histologic and immunophenotypic classification of cervical carcinomas by expression of the p53 homologue p63: A study of 250 cases.
- AU Wang, Tao-Yeuann; Chen, Be-Fong; Yang, Yih-Cheng; Chen, Hao; Wang, Yunmei;
Cviko, Aida; Quide, Bradley J.; Sun, Deqin; Yang, Annie; McKeon, Frank D.;
Crum, Christopher P. (1)
(1) Department of Pathology, Brigham and Women's Hospital, 75 Francis St., Boston, MA, 02115 USA
SO Human Pathology, (May, 2001) Vol. 32, No. 5, pp. 479-486. print.
ISSN: 0046-8177.
- DT Article
LA English
SL English
- L7 ANSWER 26 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001-133536 BIOSIS
DN PREV200100133536
- TI Immunohistochemical study of expression of p53-homolog p63, in pulmonary neoplasms.
- AU Kaufman, D. (1); Wang, B. Y. (1); Gil, J. (1); Gan, L. (1); Kohtz, D. S.;
Burstein, D. E. (1)
CS (1) Department of Pathology, Mount Sinai School of Medicine, New York, NY USA
SO Laboratory Investigation, (January, 2001) Vol. 81, No. 1, pp. 221A. print.
Meeting Info.: Annual Meeting of the United States and Canadian Academy of Pathology Atlanta, Georgia, USA March 03-09, 2001
ISSN: 0023-6837.
- DT Conference
LA English
SL English
- L7 ANSWER 27 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001-113902 BIOSIS
DN PREV200100113902
- TI Expression of p63 protein in subtypes of transitional cell and renal cell carcinomas.
- AU Black, C. C. (1); Unger, P. D. (1); Gans, W. H.; Droller, M. J.; Kohtz, D. S. (1); Gan, L. (1); Burstein, D. E. (1)
CS (1) Department of Pathology and Ronnenberg Cancer Center, Mount Sinai School of Medicine, New York, NY USA
SO Laboratory Investigation, (January, 2001) Vol. 81, No. 1, pp. 102A. print.
Meeting Info.: Annual Meeting of the United States and Canadian Academy of Pathology Atlanta, Georgia, USA March 03-09, 2001
ISSN: 0023-6837.
- DT Conference
LA English
SL English
- L7 ANSWER 28 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001-117450 BIOSIS
DN PREV200100117450
- TI Expression of p63 in papillary thyroid carcinoma and Hashimoto's thyroiditis: A common link.
- AU Ewart, Michelle (1); Unger, Pamela (1); Kohtz, D. Stave:

Burstein, David E.
 CS (1) Department of Pathology, Mount Sinai School of Medicine, New York, NY
 USA

SO laboratory investigation, (January, 2001) vol. 31, no. 1, pp. 75f. print
 Meiring, Info : Annual Meeting of the United States and Canadian Academy of
 Pathology Atlanta, Georgia, USA March 03-05, 2001
 ISSN: 0023-6837.

DT Conference
 LA English
 SL

AU Park, Jeong-Ja; Sun, Dequin; Quade, Bradley J.; Flynn, Cynthia; Sheets,
 Ellen E.; Yang, Annie; McKeon, Frank; Crum, Christopher P. (1)
 AN (1) Department of Pathology, Brigham and Women's Hospital, 75 Francis St.,
 Boston, MA, 02115 USA
 SO American Journal of Surgical Pathology, (October, 2000) vol. 24, No. 10,
 pp. 1414-1415. print.
 ISSN: 0475-1595.

DT Article
 LA English
 SL

I.7 ANSWER 30 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2000:374196 BIOSIS
 DN PREV200004737496

TI High level expression of DELTA-N-p53: A mechanism for the
 inactivation of p53 in undifferentiated nasopharyngeal carcinoma
 (NPC).

AU Crook, Tim; Nicholls, John M.; Brooks, Louise; O'Nions, Jenny; Allday,
 Martin J. (1) Section of Virology and Cell Biology, Imperial College of Science,
 Technology and Medicine, Ludwig Institute for Cancer Research, Norfolk
 Place, St. Mary's Campus, London, WC1E 6BT UK
 SO Oncogene, (13 July, 2000) vol. 19, No. 30, pp. 3435-3444. print.
 ISSN: 0906-9252.

DT Article
 LA English
 SL

I.7 ANSWER 30 OF 39 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
 AN 2000:374196 BIOSIS
 DN PREV200004737496

TI High level expression of DELTA-N-p53: A mechanism for the
 inactivation of p53 in undifferentiated nasopharyngeal carcinoma
 (NPC).

AU Crook, Tim; Nicholls, John M.; Brooks, Louise; O'Nions, Jenny; Allday,
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 Place, St. Mary's Campus, London, WC1E 6BT UK
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DT Article
 LA English
 SL

I.7 ANSWER 31 OF 39 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:383455 CAPLUS
 DN

TI Classification of human lung carcinomas by mRNA expression
 profiling reveals distinct adenocarcinoma subclasses

AU Bhattacharjee, Arindam; Richards, William G.; Stanton, Jane; Li, Cheng;
 Monti, Stefano; Viso, Priya; Ladd, Christine; Benedicti, Javad; Bueno,
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 J.; Lander, Eric S.; Wong, Wink; Johnson, Bruce E.; Golub, Todd R.;
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 Department of Adult Oncology, Dana-Farber Cancer Institute, Harvard
 Medical School, Boston, MA, 02115, USA
 SO Proceedings of the National Academy of Sciences of the United States of
 America (2001), 98(24), 13790-13795
 CODEN: PNASAB; ISSN: 0027-8424
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PB Journal
 DT Journal
 LA English
 RE.CNT 34

L7 ANSWER 32 OF 39 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:557977 CAPLUS
 DN 133-250512
 TI High level expression of .DELTAN-p53: a mechanism for the
 inactivation of p53 in undifferentiated nasopharyngeal carcinoma
 (NPC)?

AU Crook, Tim; Nicholls, John M.; Brooks, Louise; O'Nions, Jenny; Allday,
 Martin J. (1) Ludwig Institute for Cancer Research and Section of Virology and Cell
 Biology, Imperial College of Science, Technology and Medicine, London, WC2
 IPG, UK
 Oncogene (2000), 19(30), 3439-3444
 CODEN: ONCNES; ISSN: 0950-9232

PB Nature Publishing Group
 DT Journal
 LA English
 RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

I.7 ANSWER 33 OF 39 CAPLUS COPYRIGHT 2002 ACS
 AN 1999:640874 CAPLUS
 DN 131-270597
 TI A new short member of the p53 family (p40) acts as an oncogene
 IN Trink, Barry; Jen, Jin; Ratovitski, Edward; Sidransky, David
 PA The Johns Hopkins University, USA
 SO PCT Int. Appl., 63 pp.
 CODEN: PIIXD2
 DT Patent
 LA English
 SL

| PATENT NO. | | KIND | DATE | APPLICATION NO. | DATE |
|--|---|------------|---------------|-----------------|----------|
| WO 9950287 | A2 | 1999107 | WO 1999-06657 | 19990326 | |
| W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, RU, TU, TM | ES, FI, FR, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GR, MI, MR, NE, SN, TD, TG | AU 9532086 | AU 1999-32086 | 19990326 | |
| PRAI US 1998-79736P | A2 | 19980327 | WO 1999-06657 | W | 19990326 |

I.7 ANSWER 34 OF 39 USPATFULL
 AN 2002:78410 USPATFULL
 TI P53 binding aretes
 IN Kramer, Peter, Heidelberg, GERMANY, FEDERAL REPUBLIC OF
 Muller-Schilling, Martina, Heidelberg, GERMANY, FEDERAL REPUBLIC OF
 PA Orell, Moshe, Rehovot, ISRAEL
 Deutsches Krebsforschungszentrum Stiftung Des Offentlichen Rechts
 (non-U.S. corporation)
 PR US 2002042094 Al 20030411
 PJ US 2001-834391 Al 20010412 (9)
 PRAI WO 1999-DE3343
 DE 1998-DE1987779 19981015
 DT Utility
 FS Application
 INCL 601
 INCL INCIN: 435/006.000
 INCL INCL: 435/320.100; 435/007.230; 536/023.500

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- {FILE 'HOME' ENTERED AT 10:35:21 ON 11 APR 2002}
- L1 FILE 'MEDLINE_CANCER.LIT', EMBASE, BIOSIS, CAPLUS, USPATFULL' ENTERED AT
10:36:25 ON 11 APR 2002
- L1 4008 S P63 OR P63 GENE
- L2 3024815 S CANCER? OR MALIGNANT? OR NEOPLASM?
- L3 325 S L1 AND L2;
- L4 1304621 S CARCINOMA?
- L5 128 S L4 AND L3;
- L6 4957275 S DIAGNOS?
- L7 39 S L5 AND L6
- L8 2114047 S ANTIBOD?
- L9 273 S L1 AND L8
- L10 160 S L9 NOT PY>1959
- L11 4 S L10 AND L4
- => S l4 and l1
- L12 171 L4 AND L1
- => S l12 not PY>1959
- L13 11 L12 NOT PY>1999
- => d 113 1-11
- L13 ANSWER 1 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
- AN AN 1994:52148 BIOSIS
- DN DN PREV1994:9745149
- TI Mutation of p53 gene in human cancers of the esophagus and gastric cardia.
- AU Li Huan-Chuan; Lu Shi-Yin
- CS Cancer Inst., Chinese Academy Med. Sci. Peking Union Med. College, Beijing
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- LA Chinese; English
- L13 ANSWER 2 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
- AN AN 1994:431861 BIOSIS
- DN DN PREV1994:9744561
- TI P53 Protein accumulation in lung carcinomas of patients exposed to asbestos and tobacco smoke.
- AU Nurmi, Risto; Ranta, Ritta; Huhti, Esko; Kamei, Dia; Vahakangas, Kirsil; Blöndi, Risto; Soini, Ylemi; Paavola, Paavo (1)
- CS (1) Dep. Pathol., Univ. Oulu, Kajaanintie 52D, 90-20 Oulu Finland
- SO American Journal of Respiratory and Critical Care Medicine, (1994) vol. 150, No. 2, pp. 528-533.
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- AN AN 1983:191335 BIOSIS
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- TI ANTIBODIES AGAINST A SYNTHETIC PEPTIDE OF THE POLIOVIRUS REPLICASE PROTEIN REACTION WITH NATIVE VIRUS ENCODED PROTEINS AND INHIBITION OF VIRUS SPECIFIC POLYMERASE ACTIVITIES IN-VITRO.
- AU BARON, M. H.; BALTIMORE, D.
- CS CENTER FOR CANCER RESEARCH AND DEPARTMENT OF BIOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MASSACHUSETTS 02139.
- SO J VIROL, (1982) 43 (3), 969-973.
- CODEN: JOVIAM. ISSN: 0022-538X.
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- L13 ANSWER 4 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
- AN AN 1983:1952979 BIOSIS
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- AU SILVER, L. M.; WHITE, M.
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- TI GENOME LENGTH COPIES OF POLIOVIRION RNA ARE SYNTHESIZED IN-VITRO BY THE POLIOVIRUS RNA DEPENDENT RNA POLYMERASE.
- AU VAN KYK, T. A.; RICKLES, R. J.; FLANEAGAN, J. B.
- CS DEP. IMMUNOL. MED. MICROBIOL., COLL. MED., UNIV. FLORIDA, GAINESVILLE, FLA. 32610.
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- COPEN: JBCHA3. ISSN: 0021-9258.
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- L13 ANSWER 6 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
- AN AN 1982:164605 BIOSIS
- DN DN BA73:24589
- TI RESCUE OF EMBRYONIC CELLS HOMO ZYGOSUS FOR A LETHAL HAPLOTYPE OF THE T-T COMPLEX T-W-12.
- AU AXEIROD, H. R.; ARIZI, K.; BENNETT, D.
- CS LABORATORY FOR DEVELOPMENTAL GENETICS, SIOAN-KETTERING INST. FOR CANCER RESEARCH, NEW YORK, N.Y. 10021.
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- L13 ANSWER 8 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
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L13 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2002 ACS
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 TI A gene product of the inducible complex with chemical properties of a cell surface-associated component of the extracellular matrix
 AU Silver, Lee M.; Whitter, Mary
 CS Cold Spring Harbor Lab., Cold Spring Harbor, NY, 11724, USA
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 COEN: DEB1AO; ISSN: 0012-1606
 DT Journal
 LA English

L13 ANSWER 10 OF 11 USPATFULL
 AN 96:5704 USPATFULL
 TI Nucleotide sequences useful as type specific probes, PCR primers and LCR probes for the amplification and detection of human papilloma virus, and related kits and methods
 IM Bouma, Stanley R.; Mundelein, IL, United States
 Joseph, Jeffrey L.; Cherry Hill, NJ, United States
 Marshall, Ronald L.; Zion, IL, United States
 Laffier, Thomas G.; Libertyville, IL, United States
 Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation)
 PT US 5,084,699
 AI 1994-31623
 Continuation of Ser. No. US 1992-945665, filed on 22 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-589948, filed on 28 Sep 1990, now abandoned And a continuation-in-part of Ser. No. US 1990-501051, filed on 23 Sep 1990, now abandoned And a continuation-in-part of Ser. No. US 1990-590253, filed on 28 Sep 1990, now abandoned
 now abandoned
 DT Utility
 FS Granted
 LN CNT 1679
 INCL INCLM: 435,005,000
 INCLS: 536,023,100; 536,023,720
 NCL NCIM: 435,005,000
 NCLS: 536,023,100; 536,023,720
 IC [6] ICM: C12Q001-70
 ICS: C07H021-02; C07H031-04
 EXP 435/5; 435/6; 935/77; 935/78; 535/23.1; 536/23.72; 536/24.3
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 11 OF 11 USPATFULL
 AN 95:5769 USPATFULL
 TI Use of Ti-4 to treat solid tumors
 IM Plunkett, Marian L.; Edison, NJ, United States
 Catino, Joseph J.; Lebanon, NJ, United States
 PA Schering-Plough Corporation, Kenilworth, NJ, United States (U.S. corporation)
 PI US 5382427 19950117
 WO 920044 19920319 19930304 (7)
 WO 1991-98414 19910903
 WO 1991-US5126 19920304 PCT 371 date
 19920304 PCT 102(e) date
 RLI Continuation-in-part of Ser. No. US 1990-503968, filed on 6 Sep 1990, now abandoned

DT Utility
 FS Granted
 LN CNT 483
 INCL INCL: 424/095,100
 INCL: 424/085,100

NCL NCIM: 424/055,200
 NCIS: 424/085,100
 [6]
 ICA: A61K037-02
 ICS: C07K013-00
 EXP 424/85.1; 424/85.2
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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 FILE 'MEDLINE, CANFERLIT, EMBASE, BIOSIS, CAPLUS, USPATFULL' ENTERED AT 10:36:25 ON 11 APR 2002
 L1 4008 S P63 OR P63 GENE
 L2 3824815 S CANCER? OR MALIGNANT? OR NEOPLASM?
 L3 325 S L1 AND L2
 L4 1304621 S CARCINOMA?
 L5 128 S L4 AND L3
 L6 4957279 S DIAGNOS?
 L7 2114947 S L5 AND L6
 L8 273 S L1 AND L8
 L9 160 S L9 NOT PY=>1999
 L10 174 S L10 AND L4
 L11 171 S L4 AND L1
 L12 11 S L12 NOT PY=>1999
 L13 11 S L12 NOT PY=>1999
 L14 => s 13 not PY=>1999
 L14 => 24 L3 NOT PY=>1999
 => d 114 1-24
 L14 ANSWER 1 OF 24 MEDLINE
 AN 199314349 MEDLINE
 DN 98314849 PubMed ID: 9652741
 TI Allelic loss analysis of gamma-ray-induced mouse thymic lymphomas: two candidate tumor suppressor gene loci on chromosomes 12 and 16
 AU Matsumoto Y; Kosugi S; Shinbo T; Chou D; Ohashi M; Wakabayashi Y; Sakai K;
 CS Okumoto M; Mori N; Aizawa S; Niwa O; Komnami R
 Department of Biochemistry, Niigata University School of Medicine,
 Asanimachi, Japan.
 SO ONCOENE, (1998 May 28) 16 (21) 2747-54.
 CY Journal code: ONC; 8711562. ISSN: 0950-9232.
 DR ENGLAND: United Kingdom
 LA Journal; Article; (JOURNAL ARTICLE)
 FS Priority Journals
 EM 19980719980811
 ED Entered STN: 19980811
 Last Updated on STN: 19980811
 Entered Medline: 19980728
 L14 ANSWER 2 OF 24 MEDLINE
 AN 97134593 MEDLINE
 DN 97134593 PubMed ID: 9032395
 TI Binding sites for adeno-associated virus Rep proteins within the human genome.
 AU Wondolinski R S; Owens R A
 CS Laboratory of Molecular and Cellular Biology, National Institute of
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 Journal code: KCV; 0022-538X.

- CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 OS GENBANK-11344; GENBANK-122073; GENBANK-M11039; GENBANK-M60755;
 GENBANK-M69237; GENBANK-250150
- EM 199703
 ED Entered STN: 19970327
 Last Updated on STN: 19970327
 Entered Medline: 19970318
- LN 114 ANSWER 3 OF 24 CANCERLIT
 AN 1998314849
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- CS Department of Biochemistry, Niigata University School of Medicine, Asahimachi, Japan.
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- DT Journal; Article; (JOURNAL ARTICLE)
 FS MEDL; L; Priority Journals; Cancer Journals
 LA English
 OS MEDLINE 98314849
 EM 199805
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 AN 97383551 EMBASE
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 CS S. Narayan, Sealy Center for Oncology/Hematology, 9-104 Medical Research Bldg., University of Texas Medical Branch, 301 University Blvd., Galveston, TX 77053-1045, United States. snarayanc@utmb.edu
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 Refs: 34
 ISSN: 0021-9255 CODEN: JBCHA3
 CY United States
 DT Journal; Article
 FS 016 Cancer
 LA English
 SL 029 Clinical Biochemistry
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 AN 97054860 EMBASE
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 TI Binding sites for adeno-associated virus Rep proteins within the human genome.
 AU Wonderling R.S.; Owens R.K.
 CS R.A. Owens, Lab. of Molecular/Cellular Biology, NIDDK, National Institutes of Health, Center Dr., Bethesda, MD 20892-0340, United States. rowlan@cc.nih.gov
 SO Journal of Virology, (1997) 71/3 (2528-2534).
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 DT Journal; Article
 FS 004 Microbiology
 LA English
 SL
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 Blood, (1997) 89/1,(272-280).
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 FS 016 Cancer
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 ISSN: 0008-543X CODEN: CANCAR
 CY United States
 DT Journal; Conference Article
 FS 016 Cancer
 LA English
 SL 022 Human Genetics
 043 Gastroenterology
- LN 114 ANSWER 8 OF 24 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
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 AU Ishibashi Y.; Fukukawa H.; Fujinami K.; Seiichi Y.; Sakamori S.
 CS Department of Urology, Yokohama Minami Kiosai Hospital, Yokohama, Japan
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 ISSN: 0029-0726 CODEN: NHJUAR
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 FS 009 Surgery
 LA English
 SL 015 Cancer
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- LN 114 ANSWER 9 OF 24 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
 AN 9404929 EMBASE
 DN 199404929
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 CS Howard Hughes Medical Institute, Biochemistry and Molecular Biology, Univ Massachusetts Medical School, Worcester, MA 01655, United States
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FS 022 Human Genetics
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TI Differential expression of p63 in human breast cancer.
AU Rui, P.; Alired, D. C.; Osborne, C. K.; Haurie, H.-P.; Fouqua, S. A..
CS (1) Univ. Tex. Health Sci. Cent., San Antonio, TX 78284 USA
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SL English
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ISSN: 1013-4674 CODEN: WEBIE2
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TI Mutation of p53 gene in human cancers of the esophagus and gastric cardia.
AU Li, Hui-Chuan; Lu, Shi-Xin
CS Cancer Inst., Chinese Academy Med. Sci. Peking Union Med. College, Beijing 100021 China
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ISSN: 0253-3758.
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- L14 ANSWER 14 OF 24 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
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DN PREV199497301764
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CS Department of Molecular Genetics, Research Institute for Microbial Diseases, Osaka University, 3-1 Yamadaoka, Suita, Osaka 565, Japan
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SL English
L14 ANSWER 15 OF 24 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
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TI Genomic loci of human mitogen-activated protein kinases.
AU Li, Li; Wysk, Mark; Gonzalez, Fernando A.; Davis, Roger J. (1)
CS (1) Howard Hughes Med. Inst., Univ. Mass. Med. Sch., Worcester, MA 01605
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CS Department of Biochemistry, Tel Aviv University, Ramat Aviv, 69978, Israel
SO Genomics (1997), 41(3), 397-405
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PIB Academic
JOURNAL
LA English
L14 ANSWER 17 OF 24 CAPLUS COPYRIGHT 2002 ACS
AN 1997-122080 CAPLUS
DN 126-167360
TI Binding sites for adeno-associated virus Rep proteins within the human genome.
AU Wonderling, Ramani S.; Owens, Roland A.
CS Laboratory Molecular and Cellular Biology, National Institute Diabetes and Digestive and Kidney Diseases, Bethesda, MD, 20892, USA
SO J. Virol. (1997), 71(3), 2528-2534
CODEN: JOVIAM; ISSN: 0022-539X
PBI American Society for Microbiology
DT Journal
LA English
L14 ANSWER 18 OF 24 CAPLUS COPYRIGHT 2002 ACS
AN 1995-903102 CAPLUS
DN 123-317587
TI Reactions of the trichlorobis(imidazole)ruthenium(III) and pentachloro(imidazole)ruthenium(III) Anions with Imidazole and N6,N6-Dimethyladenine
AU Anderson, Craig; Beauchamp, Andre L.
CS Departement de Chimie, Universite de Montreal, Montreal, PQ, H3C 3J7, Can.

| | | | | |
|--------|--|--------------------|--|--|
| SO | inorg. Chem. (1995), 34(24), 6065-73 | | | |
| DT | CODEN: INOCAJ; ISSN: 0020-1669 | | | |
| LA | English | | | |
| L14 | ANSWER 19 OF 24 CAPLUS | COPYRIGHT 2002 ACS | | |
| AN | 1993:68168 CAPLUS | | | |
| DN | 123-140517 | | | |
| TI | Genetic alterations cooperate with v-Ha-ras to accelerate multistage carcinogenesis in TGAC transgenic mouse skin | | | |
| AU | Owens, David M.; Spalding, Judson W.; Tenant, Raymond W.; Smart, Robert C. | | | |
| CS | Dep. of Toxicology, North Carolina State Univ., Raleigh, NC, 27695, USA | | | |
| SO | Cancer Res. (1995), 55(14), 3171-8 | | | |
| DT | CODEN: CNRER3; ISSN: 0008-5412 | | | |
| LA | Journal | | | |
| L14 | ANSWER 20 OF 24 USPATFULL | | | |
| AN | 1998:147209 USPATFULL | | | |
| TI | Topologically segregated, encoded solid phase libraries | | | |
| IN | Lam, Michael, Oro Valley, AZ, United States | | | |
| IN | Lam, Kit S., Tucson, AZ, United States | | | |
| IN | Salmon, Sydney E., Tucson, AZ, United States | | | |
| IN | Krichuk, Victor, Oro Valley, AZ, United States | | | |
| IN | Sapetov, Nikolai, Oro Valley, AZ, United States | | | |
| PA | Kocis, Peter, Oro Valley, AZ, United States | | | |
| PI | Selectride Corporation, DE, United States (U.S. corporation) | | | |
| PI | US 5804935 19911124 | | | |
| AI | US 1994-219930 19900526 (9) | | | |
| RLI | Continuation-in-part of Ser. No. US 1993-69327, filed on 27 May 1993, now abandoned | | | |
| DT | Utility | | | |
| FS | Granted | | | |
| INCL | INC1M: 435/459 | | | |
| INCL | INC1M: 435/006, 000 | | | |
| INCL | INC1S: 435/007, 100; 935/073, 000 | | | |
| INCL | INC1S: 935/077, 000; 935/078, 000 | | | |
| INCL | INC1M: 435/006, 000 | | | |
| INCL | INC1S: 435/007, 100; 935/DIG. 022; 435/DIG. 034; 435/DIG. 035; 435/DIG. 038; 436/512, 000; 530/300, 000; 530/323, 000; 536/023, 100 | | | |
| IC | [61] ICM: C12Q001-68 | | | |
| IC | ICM: G01N033-53; C07K017-022; C07H021-04 | | | |
| EXF | EXF: 435/6; 435/7, 1; 436/513; 530/333; 530/334; 530/300; 530/345; 530/323; 530/912; 536/23, 1; 536/74, 3 | | | |
| CAS | CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| L14 | ANSWER 21 OF 24 USPATFULL | | | |
| AN | 1998:31906 USPATFULL | | | |
| TI | isolated nucleic acid molecule which codes for a 30 kDa protein having llc1c retinol dehydrogenase activity, and which associates with p63, a portion of a retinol binding protein receptor | | | |
| IN | Simon, Andras, Stockholm, Sweden | | | |
| IN | Hallman, Ulf, Upsala, Sweden | | | |
| IN | Wernstedt, Christer, Upsala, Sweden | | | |
| PA | Ludwig Institute for Cancer Research, New York, NY, United States (U.S. corporation) | | | |
| PI | US 5731195 19980324 | | | |
| PI | US 1995-375962 19950320 (8) | | | |
| RLI | Continuation-in-part of Ser. No. US 1994-258418, filed on 10 Jun 1994, now abandoned | | | |
| DT | Utility | | | |
| FS | Granted | | | |
| LN.CNT | 966 | | | |
| INCL | INC1M: 435/252, 300 | | | |
| NCL | NC1M: 435/069, 100; 435/320, 100; 536/023, 500; 536/024, 310 | | | |
| IC | [61] ICM: C12N005-10 | | | |
| EXF | EXF: 435/69, 1; 435/23, 3; 435/220, 1; 536/23, 5; 536/24, 31 | | | |
| CAS | CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| L14 | ANSWER 22 OF 24 USPATFULL | | | |
| AN | 97:89071 USPATFULL | | | |
| TI | Nucleoside 5'-methylene phosphonates | | | |
| IN | Bahl, Chris, Daly City, CA, United States | | | |
| IN | Matteucci, Mark, Burlingame, CA, United States | | | |
| PA | Froehle, Brian, Belmont, CA, United States | | | |
| PA | Gilead Sciences, Inc., Foster City, CA, United States (U.S. corporation) | | | |
| PI | US 1991-522978 19970930 | | | |
| AI | Utility | | | |
| DI | Granted | | | |
| FS | Granted | | | |
| LN.CNT | 1452 | | | |
| INCL | INC1M: 536/026, 700 | | | |
| INCL | INC1S: 536/026, 800 | | | |
| NCL | NC1M: 536/026, 700 | | | |
| IC | [61] ICM: C07H019-073 | | | |
| IC | ICS: C07H019-173 | | | |
| EXF | EXF: 536/27-29; 536/28, 2; 536/27, 81; 536/28, 5; 536/28, 53; 536/28, 55; 536/26, 7; 536/26, 8; 514/46; 514/47-48; 514/51 | | | |
| CAS | CAS INDEXING IS AVAILABLE FOR THIS PATENT. | | | |
| L14 | ANSWER 23 OF 24 USPATFULL | | | |
| AN | 96-5704 USPATFULL | | | |
| TI | Nucleotide sequences useful as type specific probes, PCR primers and probes for the amplification and detection of human papilloma virus, and related kits and methods | | | |
| IN | Bouma, Stanley R., Mundelein, IL, United States | | | |
| IN | Joseph, Jeffrey L., Cherry Hill, NJ, United States | | | |
| IN | Marshall, Ronald L., Zion, IL, United States | | | |
| PA | Laffler, Thomas G., Libertyville, IL, United States | | | |
| PA | Abbott Laboratories, Abbott Park, IL, United States (U.S. corporation) | | | |
| PI | US 5484699 19960116 | | | |
| PI | US 5494699 19940930 (8) | | | |
| RLI | Continuation of Ser. No. US 1992-985665, filed on 22 Oct 1992, now abandoned which is a continuation-in-part of Ser. No. US 1990-590253, filed on 28 Sep 1990, now abandoned And a continuation-in-part of Ser. No. US 1990-590105, filed on 28 Sep 1990, now abandoned And a continuation-in-part of Ser. No. US 1990-590253, filed on 28 Sep 1990, now abandoned | | | |
| DT | Utility | | | |
| FS | Granted | | | |
| LN.CNT | 1679 | | | |
| INCL | INC1M: 435/005, 000 | | | |
| NCL | NC1M: 435/005, 000 | | | |
| IC | [61] ICM: C12Q001-70 | | | |
| IC | ICS: C07H021-02; C07H021-04 | | | |

=> d 2 all

L4 ANSWER 2 OF 7 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1994:288764 BIOSIS
DN PREV199497301764
TI Differential expression of **p63** in human breast **cancer**.
AU Pujol, P. (1); Allred, D. C.; Osborne, C. K.; Haurie, H.-P.; Fuqua, S. A. W.
CS (1) Univ. Tex. Health Sci. Cent., San Antonio, TX 78284 USA
SO Proceedings of the American Association for Cancer Research Annual Meeting, (1994) Vol. 35, No. 0, pp. 165.
Meeting Info.: 85th Annual Meeting of the American Association for Cancer Research San Francisco, California, USA April 10-13, 1994
ISSN: 0197-016X.
DT Conference
LA English
CC Genetics and Cytogenetics - Human *03508
Reproductive System - Pathology *16506
Neoplasms and Neoplastic Agents - Carcinogens and Carcinogenesis *24007
BC Hominidae *86215
IT Major Concepts
Genetics; Oncology (Human Medicine, Medical Sciences); Reproductive System (Reproduction)
IT Miscellaneous Descriptors
CARCINOGENESIS; MEETING ABSTRACT
ORGN Super Taxa
Hominidae: Primates, Mammalia, Vertebrata, Chordata, Animalia
ORGN Organism Name
Hominidae (Hominidae)
ORGN Organism Superterms
animals; chordates; humans; mammals; primates; vertebrates

L4 ANSWER 3 OF 7 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 96110930 EMBASE
DN 1996110930
TI Mutations of the p53 gene in the stool of patients with resectable colorectal **cancer**.
AU Eguchi S.; Kohara N.; Komuta K.; Kanematsu T.
CS Department of Surgery II, Nagasaki Univ. School of Medicine, 1-7-1 Sakamoto, Nagasaki 852, Japan
SO Cancer, (1996) 77/8 SUPPL. (1707-1710).
ISSN: 0008-543X CODEN: CANCAR
CY United States
DT Journal; Conference Article
FS 016 Cancer
022 Human Genetics
048 Gastroenterology
LA English
SL English
AB BACKGROUND. This study was undertaken to evaluate whether genetic analysis in the stool can be useful for detecting malignant tumors in the colon and rectum. We searched for the possible presence of mutations in the p53 gene in the stool of patients with resectable colorectal **cancer**. Alterations in the p53 gene are the most frequent among mutant genes related to colorectal **cancer**. METHODS. Surgically resected tumor specimens and stool samples from 25 patients with colorectal **cancer** were examined for mutations of exons 5-8 of the p53 gene by polymerase chain reaction single-strand conformation polymorphism (PCR-SSCP). Results were compared with those achieved by fecal occult blood testing. RESULTS. Mutations of the p53 gene were found in the tumor tissues in 11 of 25 patients (44%). Of these 11 patients, 7 (64%) had evidence of alterations in the p63 gene within the stool. Of five patients who were negative for fecal occult blood testing, p63 mutations in the stool were evident in three patients. CONCLUSIONS. This method of stool DNA analysis for tumor-specific mutations is expected to have a wide application in clinical screening for colorectal **cancer**.
CT Medical Descriptors:
 *colorectal cancer: DI, diagnosis
 *colorectal cancer: SU, surgery
 *feces
 *gene
 adult
 aged
 clinical article
 conference paper
 female
 gene mutation
 human
 human tissue
 male
 polymerase chain reaction
 priority journal
 single strand conformation polymorphism
 spectrophotometry
 Drug Descriptors:
 *dna: EC, endogenous compound
 *protein p53: EC, endogenous compound
RN (dna) 9007-49-2

=> d 4 all

L4 ANSWER 4 OF 7 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 95236528 EMBASE
DN 1995236528
TI Alteration of c-erbB-2 and p53 product expressions in prostatic
cancer before and after the development of androgen-independency.
AU Ishibashi Y.; Fukuoka H.; Fujinami K.; Sekiguchi Y.; Sakanishi S.
CS Department of Urology, Yokohama Minami Kyosai Hospital, Yokohama, Japan
SO Nishinihon Journal of Urology, (1995) 57/7 (802-805).
ISSN: 0029-0726 CODEN: NHJUAR
CY Japan
DT Journal; Article
FS 009 Surgery
016 Cancer
028 Urology and Nephrology
LA English
SL English; Japanese
AB We examined whether there is any alteration of c-erbB-2 and p53 products
in prostatic **cancer** specimens from the same patient before
treatment and after reactivation. No staining was found for the c-erbB-2
product in any specimens taken before treatment and after reactivation
from 9 patients. As for the p53 product, however, 2 specimens showed
positive staining after reactivation, although all 9 specimens had been
negative before treatment. However, the positive rate was only 22.2%
(2/9). The median of intervals of these 2 cases between the beginning of
reactivation and post reactivation biopsy was twice as long as that of the
remaining 7 cases with unchanged negative staining. This fact suggests
that these 2 patients were much closer to being at a late stage at the
time of post-reactivation biopsy. Our result is consistent with reports
that p63 is correlated with the later stage of progression in
prostatic cancer.
CT Medical Descriptors:
 *prostate cancer: DI, diagnosis
 adult
 aged
 article
 clinical article
 gene expression
 human
 male
 oncogene
 prostate biopsy
 protein determination
 transurethral resection
Drug Descriptors:
 *oncoprotein: EC, endogenous compound
 *protein p53: EC, endogenous compound

=> d 1, 2, 4, 7 all

L23 ANSWER 1 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1997:65556 BIOSIS
DN PREV199799364759
TI Tumor suppressor gene alteration in adult acute lymphoblastic leukemia (ALL). Analysis of retinoblastoma (Rb) and p53 gene expression in lymphoblasts of patients with de novo, relapsed, or refractory ALL treated in Southwest Oncology Group studies.
AU Tsai, T.; Davalath, S.; Rankin, C.; Radich, J. P.; Head, D.; Appelbaum, F. R.; Boldt, D. H. (1)
CS (1) Med. Hematology, Univ. Texas Health Science Cent., 7703 Floyd Curl Drive, San Antonio, TX 78284-7880 USA
SO Leukemia (Basingstoke), (1996) Vol. 10, No. 12, pp. 1901-1910.
ISSN: 0887-6924.
DT Article
LA English
AB To examine the impact of inactivation of tumor suppressor genes on outcome in adult ALL, we compared two groups of patients registered to SWOG treatment protocols for loss of the Rb gene product and p53 overexpression: (1) 89 patients with de novo ALL, and (2) 26 patients with relapsed/refractory ALL. The groups were comparable with respect to age, sex, and race. Cell lysates (≥ 80% blasts) were analyzed by immunoblotting which enabled detection of Rb or p53 proteins in as little as 1 μg of lysate. Loss of Rb expression (pRbneg) was found in 54/85 (64%) de novo and 11/19 (58%) relapsed patients (P = 0.79). Overexpression of p53 (p53abn), indicative of p63 point mutations, was found in 16/75 (21%) de novo and 8/19 (42%) relapsed patients (P = 0.08). Using a nonisotopic RNase cleavage assay, p53 point mutations in exons 5-9 were confirmed in 14/23 (61%) p53abn specimens. For the de novo ALL group, patients with normal Rb protein had higher WBC and higher peripheral blast and lymphocyte counts. Otherwise neither abnormal Rb or p53 expression correlated with any of a large panel of clinical and laboratory variables including FAB class, blast lineage, expression of myeloid antigens or CD34, and presence of the Ph1 chromosome or BCR-ABL. Analyses of treatment outcomes demonstrated no significant impact of Rb or p53 status alone on CR rates, relapse-free or overall survival. An identical percentage (11%) of both de novo and relapsed/refractory patients had concurrent abnormalities of both Rb and p53 expression (pRbneg/p53abn). The survival curve of these patients suggests an increased rate of early death, but the number of patients in this group was small. Summarizing, (1) loss of Rb expression is common in adult ALL; (2) overexpression of p53 may be more frequent in relapsed/refractory than de novo adult ALL; and (3) although Rb or p53 alteration alone are not strong independent predictors of outcome, their concurrent expression may predict a poor response to therapy.
CC Genetics and Cytogenetics - Human *03508
Pathology, General and Miscellaneous - Therapy *12512
Blood, Blood-Forming Organs and Body Fluids - Blood, Lymphatic and Reticuloendothelial Pathologies *15006
Blood, Blood-Forming Organs and Body Fluids - Lymphatic Tissue and Reticuloendothelial System *15008
Neoplasms and Neoplastic Agents - Pathology; Clinical Aspects; Systemic Effects *24004
Neoplasms and Neoplastic Agents - Biochemistry *24006
Neoplasms and Neoplastic Agents - Therapeutic Agents; Therapy *24008
Neoplasms and Neoplastic Agents - Blood and Reticuloendothelial Neoplasms *24010
BC Hominidae *86215
IT Major Concepts
Blood and Lymphatics (Transport and Circulation); Genetics; Hematology (Human Medicine, Medical Sciences); Oncology (Human Medicine, Medical

Sciences); Pathology
IT Miscellaneous Descriptors
ADULT ACUTE LYMPHOBLASTIC LEUKEMIA; BLOOD AND LYMPHATIC DISEASE; DE NOVO; GENE EXPRESSION; MOLECULAR GENETICS; NEOPLASTIC DISEASE; PATIENT; P53 GENE; REFRACTORY; RELAPSED; RETINOBLASTOMA GENE; SOUTHWEST ONCOLOGY GROUP STUDY; TREATMENT RESPONSE; TUMOR BIOLOGY; TUMOR SUPPRESSOR GENE ALTERATION

ORGN Super Taxa
Hominidae: Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGN Organism Name
human (Hominidae)

ORGN Organism Superterms
animals; chordates; humans; mammals; primates; vertebrates

L23 ANSWER 2 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1995:269151 BIOSIS
DN PREV199598283451
TI **p53** gene **mutation** and expression in naevi and melanomas.
AU Sparrow, L. E.; Soong, R.; Dawkins, H. J. S. (1); Iacopetta, B. J.; Heenan, P. J.
CS (1) Mol. Oncol. Lab., Dep. Pathol., Univ. Western Australia, Queen Elizabeth II Med. Cent., Nedlands 6009, W. Australia
SO Melanoma Research, (1995) Vol. 5, No. 2, pp. 93-100.
ISSN: 0960-8931.
DT Article
LA English
AB **Mutations** of the **p53** tumour suppressor gene are common to many human malignancies. Although increased **p63** expression has been observed in cutaneous malignant melanoma, **mutations** of the **p53** gene appear to be infrequent. We examined 140 benign and malignant paraffin-embedded melanocytic lesions for **p53** protein expression by immunohistochemistry, using the monoclonal anti-**p53** antibody DO-7 and a microwave method of antigen retrieval. Fifteen naevi and 25 melanomas were further analysed for **p53 mutations** within exons 5-8 of the **p53** gene. DNA was extracted from paraffin sections and screening for **mutations** was carried out using PCR-SSCP. We demonstrated **p53** protein expression in 33% of naevi (17 out of 51), 35% of primary melanomas (20 out of 58), and 70% of metastatic lesions (15 out of 21). **p53** expression in benign lesions was weaker than in malignant lesions in intensity and percentage of cells staining. **p53** protein expression in melanomas increased in intensity and percentage of cells staining with tumour progression. In 25% (three out of 12) of metastatic melanomas **p53 mutations** were detected by PCR-SSCP and increased expression of **p53** protein was observed in these tumours. **p53** gene **mutations** were not detected in any benign melanocytic lesions. We demonstrate that antigen retrieval techniques increase **p53** immunoreactivity in paraffin embedded melanocytic tissues. **p53** protein expression in melanomas increases with depth of tumour invasion. melanoma, other mechanisms are proposed to influence **p53** protein expression in melanocytic lesions.
CC Genetics and Cytogenetics - Human *03508
Biochemical Studies - Nucleic Acids, Purines and Pyrimidines 10062
Integumentary System - Pathology *18506
Neoplasms and Neoplastic Agents - Biochemistry *24006
Neoplasms and Neoplastic Agents - Carcinogens and Carcinogenesis *24007
Immunology and Immunochimistry - General; Methods *34502
BC Hominidae *86215
IT Major Concepts
Dermatology (Human Medicine, Medical Sciences); Genetics; Oncology (Human Medicine, Medical Sciences)
IT Miscellaneous Descriptors
DNA; IMMUNOHISTOCHEMISTRY; ONCOGENESIS; TUMOR SUPPRESSOR GENE

ORGN Super Taxa
Hominidae: Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGN Organism Name
human (Hominidae)

ORGN Organism Superterms
animals; chordates; humans; mammals; primates; vertebrates

L23 ANSWER 4 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 1994:451861 BIOSIS

DN PREV199497464861

TI p53 Protein accumulation in lung carcinomas of patients exposed to asbestos and tobacco smoke.

AU Nuorva, Kyosti; Makitaro, Riitta; Huhti, Esko; Kamel, Dia; Vahakangas, Kirsi; Bloigu, Risto; Soini, Ylermi; Paakko, Paavo (1)

CS (1) Dep. Pathol., Univ. Oulu, Kajaanintie 52D, 90220 Oulu Finland

SO American Journal of Respiratory and Critical Care Medicine, (1994) Vol. 150, No. 2, pp. 528-533.

DT Article

LA English

AB Primary lung carcinomas often carry **mutations** in the p53 tumor suppressor gene. Most of these **mutations** alter the conformation of the p53 protein into a more stable phenotype that makes it immunohistochemically detectable. Asbestos is a carcinogen that can cause deletions in chromosomes and possibly also gene **mutations**. In this study we examined 70 primary lung carcinomas for p53 protein accumulation using a polyclonal antihuman p53 antibody, CM-1. Patients were interviewed about their occupational and smoking history and classified according to their anamnestical asbestos exposure. Presence of asbestos bodies (AB) was evaluated from histologic samples of peripheral nontumorous lung tissue using both 5-mu-m-thick sections stained with Perls' iron and 30-mu-m-thick unstained sections. Abnormal accumulation of p63 protein was found in 36 tumors (51%), more often in patients exposed to asbestos than in patients without exposure (67% versus 40%, p = 0.027). Significant association was also noticed between the accumulation of p53 and the asbestos content of lung tissue: 35% of the p53-positive patients had more than one AB/cm² compared with 14% of p53-negative cases (p = 0.046). Patients with strongly p53-positive tumors were heavier smokers (57.2 +- 38.2 pack-years) than patients with p53-negative or lightly positive tumors (38.9 +- 19.9 pack-years) (p = 0.017). Our findings indicate that both asbestos exposure and heavy smoking can cause abnormal p53 protein accumulation suggestive of mutated p53.

CC Microscopy Techniques - Histology and Histochemistry *01056
Genetics and Cytogenetics - Human *03508
Behavioral Biology - Human Behavior *07004
Biochemical Studies - General 10060
Biochemical Studies - Nucleic Acids, Purines and Pyrimidines 10062
Biochemical Studies - Proteins, Peptides and Amino Acids 10064
Metabolism - Proteins, Peptides and Amino Acids *13012
Metabolism - Nucleic Acids, Purines and Pyrimidines *13014
Respiratory System - Pathology *16006
Psychiatry - Addiction - Alcohol, Drugs, Smoking, etc. *21004
Toxicology - General; Methods and Experimental *22501
Toxicology - Environmental and Industrial Toxicology *22506
Neoplasms and Neoplastic Agents - Biochemistry *24006
Neoplasms and Neoplastic Agents - Carcinogens and Carcinogenesis *24007
Immunology and Immunochemistry - Immunopathology, Tissue Immunology *34508
Public Health: Environmental Health - Air, Water and Soil Pollution *37015

BC Hominidae *86215

IT Major Concepts
Behavior; Clinical Immunology (Human Medicine, Medical Sciences);

Genetics; Metabolism; Methods and Techniques; Oncology (Human Medicine, Medical Sciences); Pollution Assessment Control and Management; Psychiatry (Human Medicine, Medical Sciences); Pulmonary Medicine (Human Medicine, Medical Sciences); Toxicology

IT Miscellaneous Descriptors

CARCINOGEN; CHROMOSOME DELETION; GENE **MUTATION**; IMMUNOHISTOCHEMISTRY; PHENOTYPE; SMOKING; TUMOR; TUMOR SUPPRESSOR GENE

ORGN Super Taxa

Hominidae: Primates, Mammalia, Vertebrata, Chordata, Animalia

ORGN Organism Name

human (Hominidae)

ORGN Organism Superterms

animals; chordates; humans; mammals; primates; vertebrates

L23 ANSWER 7 OF 8 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.

AN 96110930 EMBASE

DN 1996110930

TI **Mutations** of the **p53** gene in the stool of patients with resectable colorectal cancer.

AU Eguchi S.; Kohara N.; Komuta K.; Kanematsu T.

CS Department of Surgery II, Nagasaki Univ. School of Medicine, 1-7-1 Sakamoto, Nagasaki 852, Japan

SO Cancer, (1996) 77/8 SUPPL. (1707-1710).

ISSN: 0008-543X CODEN: CANCAR

CY United States

DT Journal; Conference Article

FS 016 Cancer

022 Human Genetics

048 Gastroenterology

LA English

SL English

AB BACKGROUND. This study was undertaken to evaluate whether genetic analysis in the stool can be useful for detecting malignant tumors in the colon and rectum. We searched for the possible presence of **mutations** in the **p53** gene in the stool of patients with resectable colorectal cancer. Alterations in the **p53** gene are the most frequent among mutant genes related to colorectal cancer. METHODS. Surgically resected tumor specimens and stool samples from 25 patients with colorectal cancer were examined for **mutations** of exons 5-8 of the **p53** gene by polymerase chain reaction single-strand conformation polymorphism (PCR-SSCP). Results were compared with those achieved by fecal occult blood testing. RESULTS. **Mutations** of the **p53** gene were found in the tumor tissues in 11 of 25 patients (44%). Of these 11 patients, 7 (64%) had evidence of alterations in the **p63** gene within the stool. Of five patients who were negative for fecal occult blood testing, **p63 mutations** in the stool were evident in three patients. CONCLUSIONS. This method of stool DNA analysis for tumor-specific **mutations** is expected to have a wide application in clinical screening for colorectal cancer.

CT Medical Descriptors:

*colorectal cancer: DI, diagnosis

*colorectal cancer: SU, surgery

*feces

*gene

adult

aged

clinical article

conference paper

female

gene mutation

human

human tissue

male

polymerase chain reaction

priority journal
single strand conformation polymorphism
spectrophotometry
Drug Descriptors:
*dna: EC, endogenous compound
 *protein p53: EC, endogenous compound
RN (dna) 9007-49-2

=>

=> d 114 14

L14 ANSWER 14 OF 24 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1994:2398764 BIOSIS
DN PREV1994SP301764
TI Differential expression of **P63** in human breast **cancer**.
AU Pujol, P. (1); Allred, D. C.; Osborne, C. K.; Haurie, H.-P.; Fouqua, S. A.
W.
CS (1) Univ. Tex. Health Sci. Cent., San Antonio, TX 78284 USA
SO Proceedings of the American Association for Cancer Research Annual
Meeting, (1994) Vol. 35, No. 0, pp. 165;
Meeting Info.: 35th Annual Meeting of the American Association for Cancer
Research San Francisco, California, USA April 10-13, 1994
ISSN: 0197-016X.
DT Conference
LA English

EXP 435/5; 435/6; 935/77; 935/78; 536/23, 1; 536/23, 72; 536/24, 3
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

LI 4 ANSWER 24 OF 24 USPATFULL

AN 6 94-5769 USPATFULL

Use of IL-4 to treat solid tumors

TI IN Plunkett, Marian L., Edison, NJ, United States

Catino, Joseph J., Lebanon, NJ, United States

Schering-Plough Corporation, Kenilworth, NJ, United States (U.S.

corporation)

US 5382427

WO 9204044 19920319

US 1993-98414 19930319

WO 1991-US6126

RLI Continuation-in-part of Ser. No. US 1990-573969, filed on 6 Sep 1990,

now abandoned

DT Utility

FS Granted

LN CNT 488

INC1. INC1M: 424/085, 200

NCL INC1S: 424/085, 100

NCL NCLS: 424/085, 200

{6} ICS: A61K037-02

EXF ICS: C07K013-00

EXF ICS: C07K035, 2

CAS INDEXING IS AVAILABLE FOR THIS PATENT.